IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Pado Attorney Docket No. BO1-0269US

Serial No.: 10/653,010 Group Art Unit: 2129

Filing Date: August 28, 2003 Examiner: Hirl, Joseph P.

Title: NEURAL NETWORK PREDICTIVE CONTROL COST FUNCTION

DESIGNER

RESPONSE TO OFFICE ACTION DATED APRIL 30, 2007

To: Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

From: Rustan J. Hill (Tel. 206-315-4001, x113; Fax 206-315-4004)

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INTRODUCTORY COMMENTS

This communication is responsive to the Office Action dated April 30, 2007. Please amend the above-captioned application as follows:

Amendments to the Claims begin on page 2 of this document.

Remarks begin on page 23 of this document.